

Goat Anti-LPP Antibody
Peptide-affinity purified goat antibody
Catalog # AF2224a**Specification**

Goat Anti-LPP Antibody - Product Information

Application	WB
Primary Accession	Q93052
Other Accession	NP_005569 , 4026
Reactivity	Human
Predicted	Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	65746

Goat Anti-LPP Antibody - Additional Information**Gene ID** 4026**Other Names**

Lipoma-preferred partner, LIM domain-containing preferred translocation partner in lipoma, LPP

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-LPP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-LPP Antibody - Protein Information**Name** LPP**Function**

May play a structural role at sites of cell adhesion in maintaining cell shape and motility. In addition to these structural functions, it may also be implicated in signaling events and activation of gene transcription. May be involved in signal transduction from cell adhesion sites to the nucleus allowing successful integration of signals arising from soluble factors and cell-cell adhesion sites. Also suggested to serve as a scaffold protein upon which distinct protein complexes are assembled in the cytoplasm and in the nucleus.

Cellular Location

Nucleus. Cytoplasm. Cell junction. Cell membrane. Note=Found in the nucleus, in the cytoplasm and at cell adhesion sites Shuttles between the cytoplasm and the nucleus. It has been found in sites of cell adhesion such as cell-to-cell contact and focal adhesion which are membrane attachment sites of cells to the extracellular matrix. Mainly nuclear when fused with HMGA2/HMGIC and KMT2A/MLL1

Tissue Location

Expressed in a wide variety of tissues but no or very low expression in brain and peripheral leukocytes

Goat Anti-LPP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-LPP Antibody - Images

AF2224a (0.1 µg/ml) staining of HepG2 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-LPP Antibody - Background

This gene encodes a member of a subfamily of LIM domain proteins that are characterized by an N-terminal proline rich region and three C-terminal LIM domains. The encoded protein localizes to the cell periphery in focal adhesions and may be involved in cell-cell adhesion and cell motility. This protein also shuttles through the nucleus and may function as a transcriptional co-activator. This gene is located at the junction of certain disease related chromosomal translocations which result in the expression of chimeric proteins that may promote tumor growth. Alternate splicing results in

multiple transcript variants.

Goat Anti-LPP Antibody - References

Investigation of type 1 diabetes and coeliac disease susceptibility loci for association with juvenile idiopathic arthritis. Hinks A, et al. Ann Rheum Dis, 2010 Jul 20. PMID 20647273.

Variant of TYR and autoimmunity susceptibility loci in generalized vitiligo. Jin Y, et al. N Engl J Med, 2010 May 6. PMID 20410501.

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Multiple common variants for celiac disease influencing immune gene expression. Dubois PC, et al. Nat Genet, 2010 Apr. PMID 20190752.

Linkage and genome-wide association analysis of obesity-related phenotypes: association of weight with the MGAT1 gene. Johansson A, et al. Obesity (Silver Spring), 2010 Apr. PMID 19851299.